

## MAGNETIC ISOLATION AND PURIFICATION OF NUCLEIC ACIDS

### ABSTRACT OF THE DISCLOSURE

A method for the isolation and purification of nucleic acids such as DNA,  
5 RNA, and PNA from various sources using magnetizable cellulose or its derivatives.  
Adjusting the concentrations of the salt and polyalkylene glycol to the levels that result in  
binding of nucleic acids to the magnetizable cellulose or its derivatives. Separating the  
nucleic acids bound to the magnetizable cellulose particles or its derivatives and eluting the  
nucleic acids from the particles.

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